

WHAT IS CLAIMED IS:

1. A motor-driven power steering apparatus which transmits rotation of a steering wheel to wheels through a rotational axis and detects at least torque of said rotational axis so that a motor for assisting operation of the steering wheel is controlled on the basis of the detected signal, wherein

said detection of said torque is performed by providing a plurality of magnetic tracks each having a phase difference in a plurality of magnetic drums provided in two rotational axes coupled through a torsion bar and by means of a contactless magnetic encoder system.

2. A motor-driven power steering apparatus which transmits rotation of a steering wheel to wheels through a rotational axis and detects at least torque of said rotational axis so that a motor for assisting operation of the steering wheel is controlled on the basis of the detected signal, wherein

said detection of said torque is performed by detecting distortion of said rotational axis and taking out the detected signal by means of electromagnetic induction from a moving coil provided in said rotational axis to at least two fixed coils disposed around said rotational axis.